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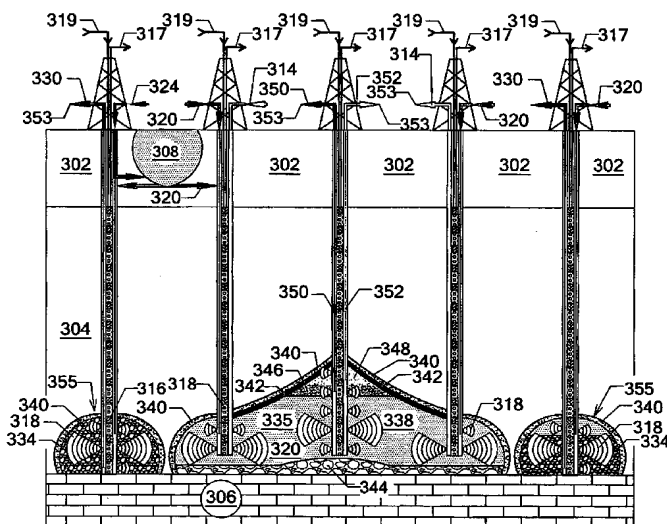
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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a
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(54) Title: EXTRACTING AND PROCESSING HYDROCARBON-BEARING FORMATIONS



(57) Abstract: A hydrocarbon bearing formation (304) which is heated using a variable frequency automated capacitive radio frequency dielectric heating (334) in situ process. Hydrocarbons or other substances natural to a hydrocarbonaceous formation may be produced by heating specific chemical compositions with or without the use of a carrier medium (320). Separation of desired hydrocarbons from less sought-after constituents can occur in carrier medium (320) subterranean reservoir. Hydrocarbon media can be slurry heated using a variable frequency automated capacitive radio frequency dielectric heating method.

WO 2005/091883 A3



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